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Manage Pods

Authentication

RunPod uses API Keys for all API requests. Go to Settings to manage your API keys.

GraphQL API Spec

If you need detailed queries, mutations, fields, and inputs, look at the GraphQL Spec.

Create Pods

A Pod consists of the following resources:

- 0 or more GPUs - A pod can be started with 0 GPUs for the purposes of accessing data, though GPU-accelerated functions and web services will fail to work.
- vCPU
- System RAM
- Container Disk
  - It's temporary and removed when the pod is stopped or terminated.
  - You only pay for the container disk when the pod is running.
- Instance Volume
  - Data persists even when you reset or stop a Pod. Volume is removed when the Pod is terminated.
  - You pay for volume storage even when the Pod is stopped.

Create On-Demand Pod

cURL **GraphQL** **Output**

Ask AI

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "mutation { podFindAndDeployOnDemand( input: { cloudT
```

Create Spot Pod

cURL   GraphQL   Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "mutation { podRentInterruptable( input: { bidPerGpu:
```

Start Pods

Start On-Demand Pod

cURL   GraphQL   Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "mutation { podResume( input: { podId: \"inzk6tzuz833l
```

Start Spot Pod

cURL   GraphQL   Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "mutation { podBidResume( input: { podId: \"d62t7qg9n5
```

Ask AI

Stop Pods

cURL **GraphQL** Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "mutation { podStop(input: {podId: \"riixlu8oclhp\"})
```

List Pods

List all Pods

cURL **GraphQL** Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "query Pods { myself { pods { id name runtime { uptim
```

Get Pod by ID

cURL **GraphQL** Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "query Pod { pod(input: {podId: \"ldl1dxirsim64n\"})
```

Ask AI

List GPU types

When creating a Pod, you will need to pass GPU type IDs. These queries can help find all GPU types, their IDs, and other attributes like VRAM.

cURL **GraphQL** Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "query GpuTypes { gpuTypes { id displayName memoryInGI
```

Get GPU Type by ID

cURL **GraphQL** Output

```
curl --request POST \
  --header 'content-type: application/json' \
  --url 'https://api.runpod.io/graphql?api_key=${YOUR_API_KEY}' \
  --data '{"query": "query GpuTypes { gpuTypes(input: {id: \"NVIDIA GeFor(
```

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